A Navy Business Initiative

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Defense Daily OA Summit

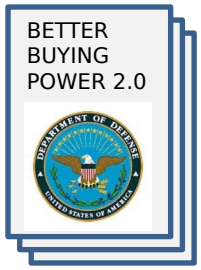
12 November 2013

Open Systems Architecture
Our Business Challenge

Identify

Our Challenges Are: Budget Pressure, System Sustainment, Upgradability , Rapid Delivery

Inform



Improve

Competition, Life Cycle Cost, Delivery Time, Access To Innovation

Reward

Industry Performance Through Incentives and Government Performance Through Motivations

OSA

Better Buying Power 2.0

Promoting Effective Competition for the Life Cycle

This item is continued from BBP 1.0 and will focus on improving the Department's early planning for open architectures and the successful execution of the plan to provide for open architectures and modular systems. This will include the **development of a business model and associated intellectual property strategy** (data rights planning) that can be implemented over the lifecycle of the product, starting while competition still exists.

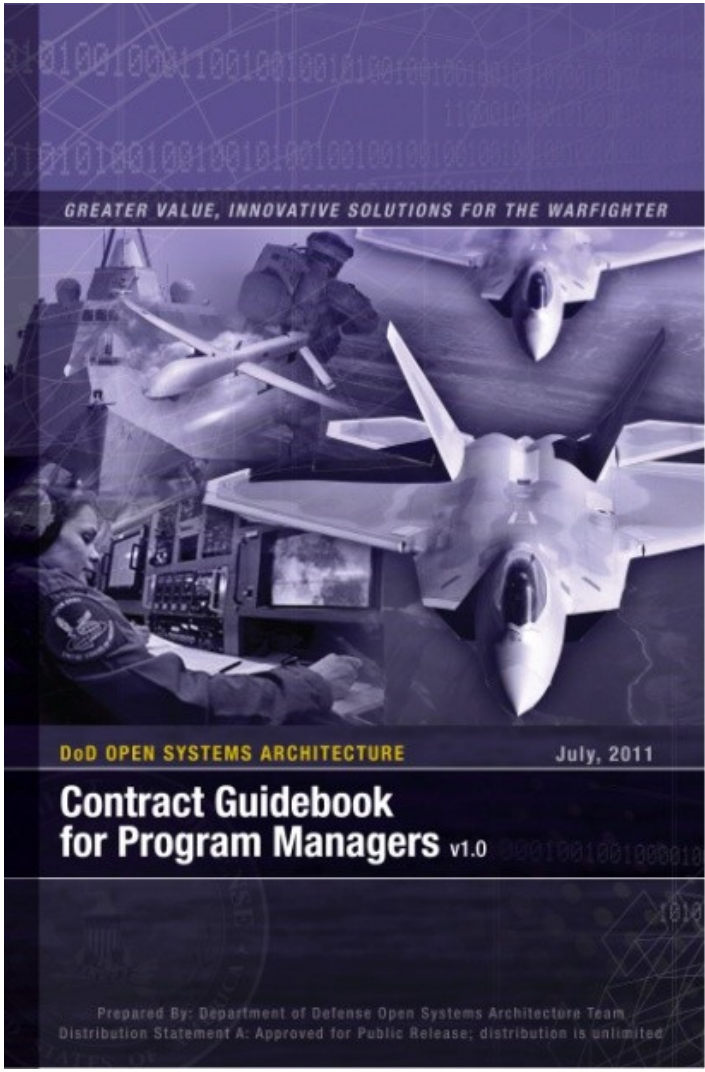
Enforce open system architectures and effectively manage technical data rights;

https://acc.dau.mil/bbp

OSA Implementation Tools

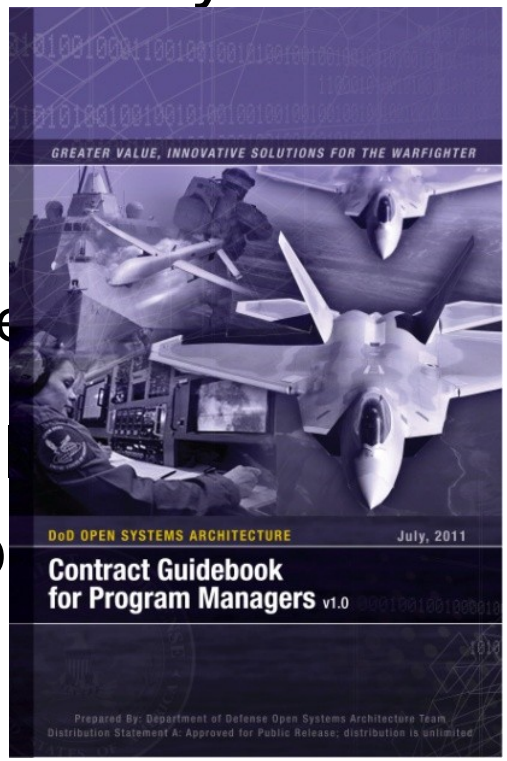
- **Data Rights Brochure**
- **OA Assessment Tool**
- **Contract Guidebook 1.1**
- Implementation Workbook *
- Intellectual Property Strategy Guide*

* Coming Soon


GREATER VALUE, INNOVATIVE SOLUTIONS FOR THE WARFIGHTER
DoD OPEN SYSTEMS ARCHITECTURE
July, 2011
Contract Guidebook for Program Managers v1.0
Prepared By: Department of Defense Open Systems Architecture Team
Distribution Statement A: Approved for Public Release; distribution is unlimited

Compendium of Best Practices Can Help PMs

- Leverage a consistent message to Industry
- Reduce our risk in contracting:
  - Statement of Work
  - Deliverables
  - Instructions to Offerors and Grading Crite
- Leverage Data Rights for the life cyc
- Capture OSA Best Practices for the p
  - Early-and-often Design Disclosure
  - Breaking Vendor Lock
  - Peer Reviews for technology evaluation
  - Minimize duplication / maximize Enterprise value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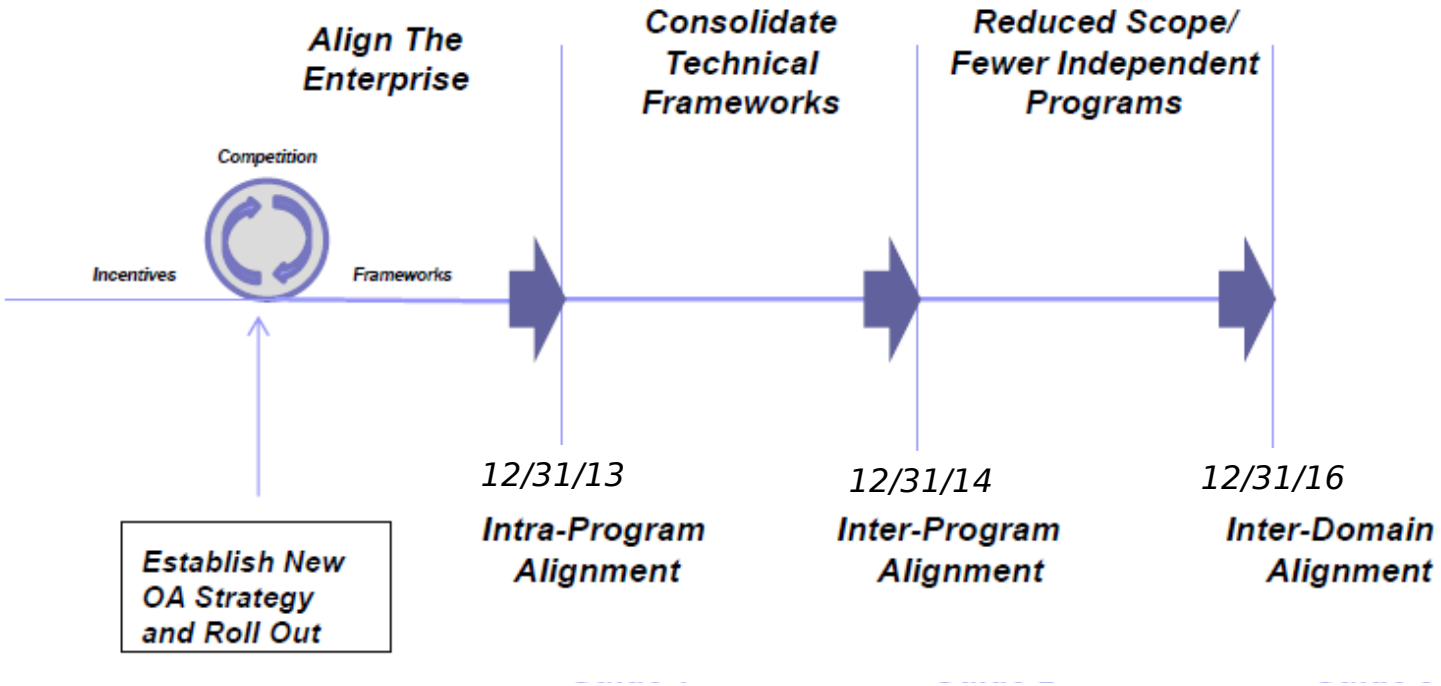
https://acc.dau.mil/osaguidebook

Implementing the Naval OSA



Implementing The CNO's Vision of "Trucks and Payloads"

Goals of Naval OSA Strategy

1. Establish a Limited Number of Technical Reference Frameworks (TRFs)
2. Change Acquisition Processes to Adopt OSA TRFs
3. Require and Incentivize Competition throughout Program Life Cycles
4. Establish Meaningful Metrics to Assess Progress
5. Develop the OSA Strategy Implementation Workbook
6. Educate the Naval Engineering, Logistics, and Acquisition Workforce

Business Innovation Initiative
Crowd Sourcing Our Wicked Problems

Assistant Secretary of the Navy for Research, Development, & Acquisition
SECRETARY OF THE NAVY
UNITED STATES OF AMERICA
DASN RDT&E

mmowgli

massively multiplayer online war game leveraging the internet

INSTITUTE FOR THE FUTURE

https://portal.mmowgli.nps.edu/bii

Round One: January 2013

Identify Challenges To Our Strategy
How Do We Get To The Future?

Round Two: July 2013

How To Positively Incentivize Industry?
How To Reward Government Programs and Individual Performers?

OSA

Backup

OSA Strategy Phase 1 Tasks

Year 1: Align current programs to execute the OSA strategy and report progress

1. Establish a Limited Number of Technical Reference Frameworks (TRFs)

- ⏏ Analyze existing system TRFs
- Develop detailed set of proven Enterprise attributes

2. Change Acquisition Processes to Adopt OSA TRFs

- ⏏ Charter cross-PEO groups
- Insert OSA into SETR and program Gate Reviews

3. Require and Incentivize Competition throughout Program Life Cycles

- ⏏ Require PMs to evaluate shift to OSA
- Establish reward mechanisms

OSA Strategy Phase 1 Tasks (continued)

Year 1: Align current programs to execute the OSA strategy and report progress

4. Establish Meaningful Metrics to Assess Progress

- Implement Enterprise metrics program
- Identify patterns of strengths and weaknesses in implementation

5. Develop the OSA Strategy Implementation Workbook

- Implementation Workbook

6. Educate the Naval Engineering, Logistics, and Acquisition Workforce

- Develop Acquisition OSA Qualification Standard
- Target timely OSA training and communication
- Develop training and communication materials

OSA Strategy Phase 2 Tasks

Year 2: Consolidate technical frameworks across programs; eliminate redundant stovepipes

1. Establish a Limited Number of Technical Reference Frameworks (TRFs)

- Catalog features and suitability for variety of platform types
- Promote tailor-able open standards
- Coordinate cross-program TRF implementations

2. Change Acquisition Processes to Adopt OSA TRFs

- Insert OSA into SETR and program Gate Reviews
- Identify best practices to transition maturing technologies
- Charter COIs

OSA Strategy Phase 2 Tasks (continued)

Year 2: Consolidate technical frameworks across programs; eliminate redundant stovepi

3. Require and Incentivize Competition throughout Program Life Cycles

- Require PMs to evaluate shift to OSA
- Establish reward mechanisms
- Create contract templates
- Develop tools to promote competition
- Require PMs to secure and exercise data rights

4. Establish Meaningful Metrics to Assess Progress

- Implement Enterprise metrics
- Conduct periodic peer reviews
- Identify patterns of strengths an weaknesses in OSA implementation
- Establish metrics for Enterprise value of new capabilities

OSA Strategy Phase 2 Tasks (continued)

Year 2: Consolidate technical frameworks across programs; eliminate redundant stovepipes

5. Develop the OSA Strategy Implementation Workbook

- Implementation Workbook

6. Educate the Naval Engineering, Logistics, and Acquisition Workforce

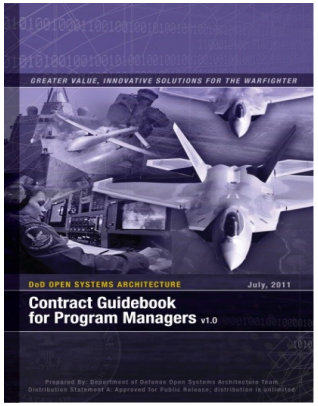
- Target timely OSA training and communication
- Develop training and communication materials
- Develop Acquisition OSA Qualification Standard
- Establish OSA mentoring program
- Develop training materials to train non-DAWIA Naval workforce

Naval Enterprise OSA Strategy*

OSA Vision: Affordable, Open Platforms that Easily Accommodate Open Modules

- Business Ch

- Implementation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- Technical Reference Frameworks

- Training

DoD OSA Contract Guidebook V 1.1

Differences from V 0.1 (December 2011)

1. Improved guidance on data rights licensing strategy and business modeling
2. Rewrote the Open Source Software Guidance
3. Rewrote the Introduction
4. Updated and revised material on Data Rights
5. Resolved inconsistencies across the chapters and appendices
6. Participation by all services, OSD OGC and DAU. Subject Matter Experts from different disciplines
7. Incentives